

What is claimed is:

1. An electrical connector, comprising:

an insulative housing defining a mating port and a plurality of passageways communicating with the mating port; and

a plurality of contacts received in the passageways of the insulative housing, each of the contacts comprising a retention portion retained in a corresponding passageway, a resilient arm extending from the retention portion, an abutting portion extending from the resilient arm and abutting against an inner wall of the corresponding passageway for pre-loading the contact, and a contact portion extending from the abutting portion and exposed into the mating port, the abutting portion being deflectable away from the inner wall together with the contact portion.

2. The electrical connector as claimed in claim 1, wherein the insulative housing defines a corresponding number of apertures communicating with the mating port and the passageways, and wherein each of the contacts comprises a distal end bent from the contact portion and received in a corresponding aperture.

3. The electrical connector as claimed in claim 1, wherein the insulative housing defines a pair of slots in opposite sides of each of the passageways for receiving the retention portion of the contact.

4. The electrical connector as claimed in claim 1, wherein each of the contacts comprises a tail portion extending from the retention portion beyond the insulative housing for being soldered to a mother board.

5. The electrical connector as claimed in claim 1, wherein the inner wall of the corresponding passageway is formed with a clump pressing the abutting portion of the contact.

6. The electrical connector as claimed in claim 1, wherein the insulative housing defines a central line in a mating direction thereof, wherein the passageways are symmetrically arranged at opposite sides of the central line in pairs, and wherein

the contacts are symmetrically received in the pairs of the passageways.

7. An electrical connector assembly, comprising:

an electrical connector comprising:

an insulative housing defining a mating port and a plurality of pairs of passageways symmetrically arranged on opposite sides of and in communication with the mating port; and

a plurality of pairs of contacts symmetrically received in the pairs of the passageways of the insulative housing, each of the contacts comprising an abutting portion abutting against an inner wall between each of pairs of the passageways for pre-loading the contact, and a contact portion extending from the abutting portion and exposed into the mating port of the insulative housing; and

a complementary component comprising an insulative mating portion, and a plurality of conductors disposed on opposite sides of the mating portion; wherein

when the electrical connector mates with the complementary component, the mating portion of the complementary component is inserted into the mating port of the electrical connector, the conductors of the complementary component press against the contact portions of the contacts of the electrical connector for deflecting the contact portions and to separate the abutting portions away from the inner walls between the pairs of the passageways.

8. The electrical connector assembly as claimed in claim 7, wherein the complementary component comprises a housing defining a cavity partially receiving the insulative housing of the electrical connector.

9. An electrical connector assembly comprising:

an insulative housing defining a mating cavity for receiving a complementary component along a mating direction;

a plurality of passageways defined in the housing, each of said passageways including a front portion in communication with said mating cavity in a lateral

direction perpendicular to said mating direction;

a plurality of contacts disposed in the corresponding passageways, respectively;

each of said contacts including a retention portion retaining the contact to the housing, a spring arm extending from the retention portion at least in said lateral direction with an abutment portion engaged, when no complementary component is received in the mating cavity, with an inner wall at a position spaced from the mating cavity in said mating direction, and a contact portion extending from the abutment portion into the mating cavity while back and forth moveable in said lateral direction for disengaging the abutment portion from the inner wall.

10. The assembly as claimed in claim 9, wherein said contact portion and the corresponding retention portion are offset from each other in both the mating direction and the lateral direction.